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## Sendivogius - The New Chemical Light

This key work of 17th century alchemy, appears to have been first published in 1608, and I have counted nearly 30 editions printed up to the end of the 18th century. It was included in a number of alchemical compendia, and was frequently quoted in alchemical works. The English text has here been transcribed by Jerry Bujas.

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### The New Chemical Light Drawn from the Fountain of Nature and from Manual Experience

to which is added  
A Treatise Concerning Sulphur

[The Author's Anagram]:  
"Divi Leschi genus amo"

In this sentence: "I love the Divine Race of Leschi,"  
all the letters of the Author's name are found transposed,-  
to wit: Michael Sendivogius.

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## PREFACE

**Upon all genuine Seekers of the great Chemical Art, or Sons of Hermes, the Author  
implores the Divine Blessing and Salvations.**

When I considered in my mind the great number of deceitful books and forged Alchemistic "receipts", which have been put in circulation by heartless impostors, though they do not contain even a spark of truth -- and how many persons have been and are still daily led astray by them? -- it occurred to me that I could not do better than communicate the Talent committed to me by the Father of Lights to the Sons and Heirs of Knowledge. I also wish to let posterity see that in our own age, as well as in ancient times, this singularly gracious philosophical Blessing has not been denied to a few favoured men. For certain reasons I do not think it advisable to publish my name; chiefly, because I do not seek for praise for myself, but am only anxious to assist the lovers of philosophy. The vainglorious desire for fame I leave to those who are content to seem what they, in reality, are not. The facts and deductions which I have here briefly set down are transcribed from that manual -- experience, graciously bestowed upon me by the Most High; and my object is to enable those who have laid a sound foundation in the elementary part of this most noble Art, to advance to a more satisfying fullness of knowledge, and to put them on their guard against those depraved "vendors of smoke," who delight in fraud and imposition. Our science is not a dream, as the vulgar crowd imagines, or the empty invention of idle men, as the foolish suppose. It is the very truth of philosophy itself, which the voice of conscience and of love bid me conceal no longer. In these wicked days, indeed, when virtue and vice are accounted alike, the ingratitude and unbelief of men keep our Art from appearing openly before the public gaze. Yet this glorious truth is even now capable of being apprehended by learned and unlearned persons of virtuous lives, and there are many persons of all nations now living who have beheld Diana unveiled. But as many, either from ignorance or from a desire to conceal their knowledge, are daily teaching and inducing others to believe that the soul of gold can be extracted, and then imparted to other substances; and thereby entice numbers to incur great waste of time, labour, and money: let the sons of Hermes know for certain that the extracting of the essence of gold is a mere fond delusion, as those who persist in it will be taught to their cost by experience, the only arbitress from whose judgment seat there is no appeal. If, on the other hand, a person is able to transmute the smallest piece of metal (with or without gain) into genuine gold or silver which abides all the usual tests, he may justly be said to have opened the gates of Nature, and cleared the way for profounder and more advanced study. It is with this object that I dedicate the following pages, which embody the results of my experience, to the sons of knowledge, that by a careful study of the working of Nature they may be enabled to lift the veil, and enter her inmost sanctuary. To this final goal of our sacred philosophy they must travel by the royal road which Nature herself has marked out for them.

Let me therefore admonish the gentle reader that my meaning is to be apprehended not so much from the outward husk of my words, as from the inward spirit of Nature. If this warning is neglected, he may spend his time, labour, and money in vain. Let him consider that this mystery is for wise men, and not for fools. The inward meaning of our philosophy will be unintelligible to vainglorious boasters, to conceited mockers, and to men who smother the clamorous voice of conscience with the insolence of a wicked life; as also to those ignorant persons who have fondly staked their happiness on albefactions and rubrefactions and other equally senseless methods. The right understanding of our Art is by the gift of God, or by the ocular demonstration of a teacher, and can be attained only by diligent, humble search, and prayerful dependence on the Giver of all good things; now, God rejects those who hate Him and scorn knowledge. In conclusion, I would earnestly ask the sons of knowledge to accept this Book in the spirit in which it was written; and when the HIDDEN has become MANIFEST to them and the inner gates of secret knowledge are flung open not to reveal this mastery to any unworthy person; also to remember their duty towards their suffering and distressed neighbours to avoid any ostentatious display of their power; and above all, to render to God, the Three in One, sincere and grateful thanks with their lips, in the silence of their hearts, and by refraining from any abuse of the Gift.

### **Simplicity is the Seal of Truth**

As after the completion of the preface it was found that it did not cover the whole of the space allotted to it, I have, at the publisher's request, there set down the "last will and testament of Arnold Villanovanus" which I once turned into Latin verse. I am conscious that the style of my versification is wanting in neatness and elegance; but this defect was partly caused by the necessity of adhering strictly and faithfully to the Author's meaning. Testament of Arnold de Villanova

It is said that Arnold de Villanova a man who was as a credit to his race, signified his last will in the following words:

"It has its birth in the earth, its strength it doth acquire in the fire, and there becomes the true Stone of the ancient Sages. Let it be nourished for twice six hours with a clear liquid until its limbs begin to expand and grow apace. Then let it be placed in a dry and moderately warm spot for another period of twelve hours, until it has purged itself by giving out a thick steam or vapour, and becomes solid and hard within. The 'virgin's milk' that is expressed from the better part of the Stone is then preserved in a carefully closed oval-shaped distilling vessel of glass, and is day by day wondrously changed by the quickening fire, until all the different colours resolve themselves into a fixed gentle splendour of a white radiance, which soon, under the continued genial influence of the fire, changes to a glorious purple, the outward and visible sign

of the final perfection of your work."

## THE FIRST TREATISE

### **Of Nature, what she is, and what manner of men her Disciples ought to be**

Many Sages, Scholars, and learned men have in all ages, and (according to Hermes) even so early as the days before the Flood, written much concerning the preparation of the Philosopher's Stone; and if their books could be understood without a knowledge of the living processes of Nature, one might almost say that they are calculated to supersede the study of the real world around us. But though they never departed from the simple ways of Nature they have something to teach us, which, in these more sophisticated times, still need to learn, because we have applied ourselves to what are regarded as the more advanced branches of knowledge, and despise the study of so "simple " a thing as natural Generation. Hence we pay more heed to impossible things than to those objects which are broadly exhibited before our very eyes, we excel more in subtle speculations than in a sober study of Nature, and of the meaning of the Sages. It is one of the most remarkable features of human nature that we neglect those things which seem familiar, and are eager for new and strange information. The workman who has attained the highest degree of excellence in his Art, neglects it, and applies himself to something else, or else abuses his knowledge. Our longing for an increase of knowledge urges us ever onward towards some final goal, in which we imagine that we shall find full rest and satisfaction, like the ant which is not endowed with wings till the last days of its life. In our time, the Philosophical Art has become a very subtle matter; it is the craft of the goldsmith compared with that of the humble workman who exercises his calling at the forge. We have made such mighty strides in advance that if the ancient Masters of our science, Hermes and Geber and Raymond Lullius, were to rise from the dead, they would be treated by our modern Alchemists not as Sages but as only humble learners. They would seem very poor scholars in our modern lore of futile distillations, circulations, calcinations and in all the other countless operations wherewith modern research has so famously enriched our Art though without understanding the sense of the ancient writings. In all these respects, our learning is vastly superior to theirs. Only one thing is unfortunately wanting to us which they possessed, namely, the knack they had of actually preparing the Philosopher's Stone. Perhaps, then, their simple methods were after all the best; and it is on this supposition that I desire, in this volume, to teach you to understand Nature so that our vain imaginations may not misdirect us in the true and simple way. Nature then, is one, true, simple, self-contained, created by God and informed with a certain universal spirit. Its end and origin are God. Its unity is also found in God, because God made all things. Nature is the one source of all things: nor is anything in the world outside

Nature, or contrary to Nature. Nature is divided into four "places" in which she brings forth all things that appear and that are in the shade; and according to the good or bad quality of the "place" she brings forth good or bad things. There are only four qualities which are in all things and yet do not agree among themselves, as one is always striving to obtain the mastery over the rest. Nature is not visible, though she acts visibly; she is a volatile spirit who manifests herself in material shapes, and her existence is in the Will of God. Students of Nature should be such as is Nature herself -- true, simple, patient, constant, and so on; above all, they should fear God, and love their neighbors. They should always be ready to learn from Nature and to be guided by her methods, ascertaining by visible and sensible examples whether that which they propose to perform is in accordance with her possibilities. If we would reproduce something already accomplished by Nature, we follow her, but if we would improve on her performance, we must know in and by what it is ameliorated. For instance, if we desire to impart to a metal greater excellence than Nature has given to it, we must take the metallic substance both in its male and its female varieties, else all our efforts will be in vain. It is as impossible to produce a metal out of a plant, It is most important for us to know her "places" and those which are most in harmony and most closely allied, in order that we may join things together according to Nature, and not attempt to confound vegetables with animals, or animals with metals. Everything should be made to act on that which is like to it -- and then Nature will perform her duty. as to make a tree out of a dog or any other animal.

## SECOND TREATISE

### Concerning the operation of Nature in our Substance, and its Seed

I have already said that Nature is one, true, and consistent, and that she is known by her products, such as trees, herbs, &c. I have also described the qualifications of a student of Nature. Now I will say a few words about the operation of Nature. As Nature has her being in the Will of God, so her will, or seed is in the Elements. She is one, and produces different things but only through the mediate instrumentality of seed. For Nature performs whatsoever the sperm requires of her, and is, as it were only the instrument of some artisan. The seed if anything is more useful to the artist than Nature herself; for Nature: for Nature without seed is, what a goldsmith is without silver and gold, or a husbandman without seed corn. Wherever there is seed, Nature will work through it, whether it be good or bad. Nature works on "seed" as God works on the free will of man. Truly it is a great marvel to behold Nature obeying the seed not because she is forced to do so but of her own will. In like manner, God permits man to do what he pleases not because He is constrained but of His good and free bounty. The seed, then, is the elixir or of anything, or its quintessence, or its most perfect digestion and decoction,

or, again, the Balm of Sulphur, which is the same as the radical moisture in metals. We might say much more about this seed, but can only mention those facts which are of importance in our Art. The four elements produce seed, through the will of God and the imagination of Nature; and as the seed of the male animal has its centre or storing place in the kidneys, so the four elements by their continual action project a constant supply of seed to the centre of the earth, where it is digested, and whence it proceeds again in generative motions. Now the centre of the earth is a certain void place wherein nothing is at rest; and upon the margin or circumference of this centre the four elements project their qualities. As the male seed is emitted into the womb of the female, where only so much as is needed is retained while the rest is driven out again, so the magnetic force of our earth-centre attracts to itself as much as is needed of the cognate seminal substance, while that which cannot be used for vital generation is thrust forth in the shape of stones and other rubbish. This is the fountain-head of all things terrestrial. Let us illustrate the matter by supposing a glass of water to be set in the middle of a table, round the margin of which are placed little heaps of salt, and of powders of different colours. If the water be poured out, it will run all over the table in divergent rivulets, and will become salt where it touches the salt, red where it dissolves the red powder, and so on. The water does not change the "places," but the several places differentiate the water. In the same way, the seed which is the product of the four elements is projected in all directions from the earth-centre, and produces different things, according to the quality of the different places. Thus, while the seed of all things is one, it is made to generate a great variety of things, just as the seed of a man might produce a man if projected into the womb of a female of his own species, or a monstrous variety of abortions, if projected into the wombs of different female animals. So long as Nature's seed remains in the centre it can indifferently produce a tree or a metal, a herb or a stone, and in like manner according to the purity of the place, it will produce what is less or more pure. But how do the elements generate the sperm or seed? There are four elements, two heavy and two light, two dry and two moist, but one driest and one moistest of all; and these are male and female. By God's will each of these is constantly striving to produce things like to itself in its own sphere. Moreover they are constantly acting on one another, and the subtle essences of all are combined in the centre, where they are well mixed and sent forth again by Archeus, the servant of Nature, as is more fully set forth in the Epilogue of these twelve Treatises.

### **THIRD TREATISE**

#### **Concerning the true and first Matter of Metals**

The first matter of metals is twofold, and one without the other cannot create a metal. The first and principal substance is the moisture of air mingled with warmth. This substance the Sages

have called Mercury, and in the philosophical sea it is governed by the rays of the Sun and the Moon. The second substance is the dry heat of the earth, which is called Sulphur. But as this substance has always been kept a great mystery, let us declare it more fully, and especially its weight, ignorance of which mars the whole work. The right substance, if the quantity of it which is taken be wrong, can produce nothing but an abortion. There are some who take the entire body for their matter, that is, for their seed or sperm; others take only a part of it: both are on the wrong track. If any one, for instance, were to attempt the creation of a man out of a man's hand and a woman's foot, he would fail. For there is in every body a central atom, or vital point of the seed (its  $\frac{1}{8200}$  part), even in a grain of wheat. Neither the body nor the grain is all seed, but every body has a small seminal spark, which the other parts protect from all excess of heat and cold. If you have ears and eyes treasure up this fact, and be on your guard against those who would use the whole grain as seed, and those who strive to produce a highly rarefied metallic substance by the vain solution and mixture of different metals. For even the purest metals contain a certain element of impurity, while in the inferior the proportion is greater. You will have all you want if you find the point of Nature, which you must not, however, look for in the vulgar metals; it is not to be found therein, for all these, and common gold more especially, are dead. But the metals which we advise you to take are living and have vital spirits. Fire is the life of metals while they are still in their ore, and the fire of smelting is their death. But the first matter of metals as a certain moisture mixed with warm air. Its appearance is that of oily water adhering to all pure and impure things; yet in some places it is found more abundantly than in others because the earth is more open and porous in one place than in another, and has a greater magnetic force. When it becomes manifest, it is clothed in a certain vesture, especially in places where it has nothing to cling to. It is known by the fact that it is composed of three principles; but, as a metallic substance it is only one without any visible sign of conjunction, except that which may be called its vesture or shadow namely, sulphur, &c.

## FOURTH TREATISE

### How metals are produced in the Bowels in the Earth

The metals are produced in this way: after the four elements have projected their power and virtues to the centre of the earth, they are, in the hands of the Archeus of Nature distilled and sublimed by the heat of perpetual motion towards the surface of the earth. For the earth is porous, and the air by distillation through the pores of the earth is resolved into a water out of which all things are generated. You should know that the seed of metals is the same, in the first instance, as the sperm of all other things, viz., a vaporous moisture. Hence it is foolish to seek the dissolution of metals in the first matter, which is nothing but a vapour, and in so doing

philosophers have not comprehended the first matter, but only the second, as Bernard Trevisan well argues, though in a somewhat obscure manner, for he addressed himself to the Sons of the Doctrine. For my part before openly explaining this theory, I would warn all men not to seek that which exists everywhere by itself in a soft volatile form by so many circulations, calcinations, and reiterations of hard gold and silver, which can never be changed back into their original substance. Let us follow the real meaning of the writers of Alchemy whose works we read, and remember that if Art would produce any solid and permanent effect, it must follow in the footsteps of Nature, and be guided by her methods. It must trust itself to the guidance of Nature as far as Nature will lead, and go beyond her by still adhering to her rules. Now I said that all things are produced of a liquid air or a vapour which the elements distil into the centre of the earth by a continual motion, and that as soon as the Archeus has received it, his wisdom sublimates it through the pores, and distributes it to each place, producing different things according to the diverse places in which it is deposited. Some think that each metal has its own seed. But this is a great mistake for there is only one Seed. The sperm which appears in Saturn is the same as that which is found in gold, silver, copper, &c.; their difference is caused by the place, and by the time during which Nature was at work upon them, the procreation of silver being achieved sooner than that of gold, and so with the other metals. The vapour which is sublimed by heat from the centre of the earth, passes either through cold or warm places. If the place be warm and pure, and contain adhering to it a certain fatness of sulphur, the vapour (or Mercury of the Sages) joins itself to its fatness, and sublimates it together with itself. If in the course of its further sublimation this unctuous vapour reaches other places where the earth has already been subtilized, purified, and rendered moist by previous ascending vapours, it fills the pores of this earth, and with it becomes gold. But if this unctuous moisture be carried to impure and cold places, it becomes lead; if the earth be pure and mingled with sulphur, it becomes copper. For the purer the place is, the more beautiful and perfect will the metal be. We must also note that the vapour is constantly ascending, and in its ascent from the earth's centre to its superficies, it purifies the places through which it passes. Hence precious metals are found now where none existed a thousand years ago, for this vapour, by its continual progress, ever subtilizes the crude and impure, and as continually carries away the pure with itself. This is the circulation and reiteration of Nature. All places are being more and more purified: and the purer they become the nobler are their products. In the winter this unctuous vapor is congealed by the frost. At the return of spring it is set free, and is the Magnesia which attracts to itself the kindred Mercury of the air, and gives life to all things through the rays of the Sun, the Moon and the Stars, thus bringing forth grass, flowers, and the like, for Nature is never idle Even during a single moment. This then, is the only true account of the generation of Metals. The earth is purged by a long distillation, and when the unctuous or fatty vapour approaches, the same are procreated, nor are they ever otherwise begotten notwithstanding the imaginations of those who misinterpret on this point the writings of the philosophers.



## FIFTH TRACT

### On the generation of all kinds of Stones

The substance of stones is the same as that of all other things; and their quality is determined by the purity of the places in which they arise when the four elements distil their vapour to the centre of the earth, the Archeus of Nature expels and sublimates it in such a manner that it carries with it in its passage through the pores of the earth, all the impurities of these places up to the surface, where they are congealed by the air, all that pure air engenders being congealed by crude air, their ingression being mutual, so that they join one with another, since Nature rejoices in Nature. Thus rocks and stones are gradually built up and generated. Now the larger the pores of the earth, the greater is the quantity of impurities carried upward; and thus the earth is most completely purified under those places where there is a great accumulation of stones or rocks at the surface, and in this manner the procreation of metals becomes easier in these places. This explains the fact that metals are scarcely ever found in plains, but nearly always in the bowels of rocky hills. The plains are often moist with elemental water which attracts to itself the rising vapour, and with it is digested by the rays of the Sun into the rich clay which potters use. In places where the soil is gross, and the vapour contains neither unctuousness nor sulphur, it produces herbs and grass in the meadows. The precious stones, such as diamonds, rubies, and emeralds, chrysopras, onyx, and carbuncle, are all generated in the same manner as ordinary stones. When the natural vapour is sublimed by itself without sulphur or the unctuousness of which we have spoken and reaches a place where there is pure salt water (i.e., in very cold places, where our sulphur cannot exist, for could it exist, this effect would be hindered), diamonds are formed. The unctuous sulphur which rises with the vapour cannot move without warmth and is instantly congealed. When it reaches a slightly cold place, leaving the vapour to continue its upward movement without it. Colours are imparted to precious stones in this way. When the unctuous sulphur is congealed by the perpetual motion, the spirit of the water digests it in passing and purifies it by the water of the salt, until it assumes a red or white colour. This colour is volatilized by so many repeated distillations, and at length is borne upward with the purifying vapour, which by its aid is able to enter imperfect bodies, and thus to pervade them with colour; the colour is united to the partly congealed water and fills all its pores so that the two are absolutely one. For water which has no spirit is congealed by heat, and water which has a spirit is congealed by cold; but he who knows how to congeal water by means of heat, and to join to it a spirit, is like to discover something a thousand times more precious than gold, or anything which is in the world. Let him separate the spirit from the waters in order that it may putrefy, and that the grain may appear. Then let him purge off the dross, and reduce the spirit to water.

This union will produce a branch which bears little resemblance to the parent stem.

## SIXTH TREATISE

### Concerning the Second Matter and Putrefaction

We have spoken of the first matter of all things, and after what manner they are born by Nature without seed, that is, after what manner Nature receives the matter from the elements whereof she engenders seed. We will now consider this seed and the things evolved from it. Everything that has seed is multiplied thereby, but not without the aid of Nature for seed is nothing but congealed air, or a vaporous humour enclosed in a body; and unless it be dissolved by a warm vapour, it cannot work. Now, the nature of this seed which is produced out of the four elements, is threefold: it is either Mineral, or Vegetable, or Animal. Mineral seed is known only to the Sages. Vegetable seed is common and vulgar, as we see in fruits. Animal seed is known by imagination. But vegetable seed exhibits most clearly the process by which Nature evolves natural objects out of the four elements. Winter is the cause of putrefaction: it congeals the vital spirit in trees, and when the heat of the Sun, which magnetically attracts moisture, sets it free, the natural heat (of the tree) which is thereby stirred up, drives a subtle vapour of water towards the surface, and makes the sap to flow, always separating the pure from the impure, though the impure may sometimes precede the pure. That which is pure is congealed into flowers, the impure becomes leaves, the gross and thick hardens into bark. The bark of the tree remains fixed; the leaves fall when the pores are obstructed by heat or cold; the flowers receive a colour according to the quality of the natural heat, and bear fruit or seed. We may instance the apple, wherein is the sperm, whence the tree does not spring; but in this sperm is the seed or grain interiorly, whence the tree is born even without sperm, for multiplication is not of the sperm but of the seed. Thus we see how Nature, without our help, creates vegetable seed out of the four elements. But how about Minerals? Nature brings forth Mineral or Metallic seed in the bowels of the earth. This is the reason why so many will not believe in its existence -- because it is invisible. And on this account the vulgar unbelief is not so greatly to be wondered at: for if they hardly understand that which is openly before their eyes, how should they know anything about that which they cannot see. Yet, whether they believe it or not, the fact remains the same, and it is most true that which is above is as that which is below, and that which is born above has origin from the same source which is at work down below, even in the bowels of the earth. What prerogative have vegetables above metals that God should give seed to the one and withhold it from the other? Are not metals as much in His sight as trees? It is certain that nothing can grow without seed; for that which has no seed, is dead. The four elements must either bring forth metallic seed or produce metals without seed. In the latter case, they cannot

be perfect: for nothing is complete without seed. He who can bring himself to believe that metals are destitute of seed, is unworthy to understand the mysteries of our Art. The metals then really contain their own proper seed; and it is generated in the following way. The vapour which (in the manner repeatedly described rises from the earth's centre, and is called Mercury not on account of its essence but on account of its fluidity, and the facility with which it adheres to anything, is assimilated to the sulphur on account of its internal heat; and, after congelation, is the radical humour. Thus metals are indeed generated out of mercury; but those ignorant persons who say that this first substance of metals is ordinary mercury, confound the whole hole body with the seed that is in it, seeing that common mercury, too, contains metallic seed, as well as the other metals. Let us illustrate the matter by the analogy of the human body. Therein it is certain that there is a seed whereby the species of mankind is propagated. That body (which may be likened to common mercury) contains seed, which is not seen, and of which the quantity is very small in proportion to the size of the whole body: the process of generation is performed not by the whole body, but by this seminal "congealed watery vapour." But as no vital generation could take place if the body were dissected in order to get at the seed, as the murdering of the body would kill the seed -- so ignorant Alchemists may be said to murder the body and kill the seed of metals, when they dissolve their bodies, whether of gold, silver, or lead, and corrode them with aqua fortis, in order to obtain the metallic seed. All multiplication is performed by means of male and female seed; and the two (which by themselves are barren) must be conjoined in order to bring forth fruit, i.e., a new form. Whosoever, therefore, would bring forth any good thing must take the sperm or the seed, and not the entire body. Take, then, the living male and the living female, and join them in order that they may project a sperm for the procreation of a fruit according to their kind, for let no one presume to suppose that he can make the first matter. The first matter of man is earth, and there is no one so bold as to dream that he can create a man. God alone can perform this artifice. But if the second substance (or seed) which is already created, be put in the proper place, Nature will produce a new form of the same species. The Artist only separates what is subtle from its grosser elements, and puts it into the proper "vessel." Nature does the rest. As a thing begins, so it ends. Out of one arise two, and out of two one -- as of God the Father there was begotten God the Son, and from the two proceeded God the Holy Ghost. Thus was the world made, and so also shall it end. Consider carefully these few points, and you will find, firstly the Father, then the Father and the Son, lastly, the Holy Spirit. You will find the four elements, the four luminaries, the two celestials, the two centrics. In a word there is nothing, has been, and shall be nothing in the World which is otherwise than it appears in this symbol, and a volume might be filled with its mysteries. I say, therefore, it is the attribute of God alone to make one out of one, you must produce one thing out of two by natural generation. Know, then, that the multiplying sperm is the second substance, and not the first. For the first substance of things is not seen, but is hidden in Nature or the elements: the second substance is occasionally seen by the children of

knowledge.

## SEVENTH TREATISE

### Concerning the Virtue of the Second Matter

But in order that you may the better know this second matter, I will describe to you its virtues. Nature is divided into three kingdoms, the mineral, the vegetable, and the animal. It is manifest that the mineral kingdom could subsist of itself were there no vegetables or animals in the world; the vegetable in like manner, is independent of the animal and mineral. These two kingdoms were created in independence. The animal kingdom alone depends for its subsistence on the two others, and is the most noble and excellent of all; and seeing that it is the last of the three, it governs the two others, because virtue expends itself at the third, even as it is multiplied in the second. In the vegetable kingdom the first substance is the herb or the tree, which you cannot create, but which is produced by Nature alone. The second substance is the seed which you see, by which herbs and trees are propagated. In the animal kingdom the first substance is the beast or man, whom you cannot create; but the seed, or second substance, by which they are propagated, you know. In the mineral kingdom, too, you are unable to create a metal, and if you boast that you can do so, Nature will laugh at your pretensions; given even the possession of that first matter which is vaunted by the philosophers, namely, the centric salt, you cannot multiple it without gold; but the vegetable seed of metals is known only to the Sons of Science. In the case of plants, the seed is seen outwardly, and is digested by warm air. In animals the seed appears inwardly and outwardly, and is prepared in the kidneys of the male. Water is the seed of minerals, in the very centre of their heart and life; and the "kidneys of its digestion" are fire. The receptacle of vegetable seed is the earth; the receptacle of animal seed the womb of the female; and air is the receptacle of water -- the mineral seed. The receptacles of seed are the same as congelations of bodies; digestion is the same as solution, and putrefaction the same as destruction. The specific property of seed is to enter into union with other substances belonging to the same kingdom, because it is subtle, and, in fact, air congealed by fatness into water. It is recognizable by the fact that it does not become naturally united to anything outside the kingdom to which it belongs. It is not dissolved, but only congealed, as it does not need solution but only congelation. Hence it is necessary that the pores of bodies be opened to admit the sperm, in the centre of which lies the seed (which is air). When it enters its proper womb it is congealed, and congeals the pure or mixed substance which it finds. So long as there is any seed in the body the body lives; when it is all consumed the body dies; and any emission of seed weakens the body, as may be seen in the case of dissolute persons, and of trees which have been too richly laden with fruit. The seed, then, is invisible, but the sperm can be

seen, and is even as a living soul, which is not found in dead things. It is extracted after two manners, of which the first is gentle and the second violent. Nothing is produced without seed, but everything comes into being by means of seed. Let all sons of knowledge remember that seed is vainly sought in dry trees, and that it is found only in those which are green.

## **EIGHTH TREATISE**

### **How Nature operates through our Art in the Seed**

Seed in itself produces no fruit, if it be not placed by Nature or Art in its own proper womb. Though seed in itself is the most glorious of all created things, yet the womb is its life, which causes the putrefaction of the enclosing grain or sperm, brings about the congelation of the vital atom, nourishing and stimulating its growth by the warmth of its own body. All this is constantly and regularly being enacted (by months, years, and seasons) in the above said three natural kingdoms. The process can be hastened artificially in the vegetable and mineral, but not in the animal world. In the mineral kingdom, Art can do something which Nature is unable to perform, by removing the crude air which stops up the outward pores of minerals, not in the bowels of the earth but in the circumference. The elements vie in projecting their seed into the centre

of the earth in order that it may there be digested. The centre, by a caloric movement, emits it into the womb; of these wombs there are an untold number -- as many as there are places, and one place always purer than another. Know that a pure womb will bring forth a pure form of its own species. For instance, as among animals there are wombs of women, cows, mares, bitches, so in the mineral world there are metals, stones, and salts. Now salts principally demand consideration, with their localities, according as they are less or more important.

## **NINTH TREATISE**

### **On the Commixtion of Metals, and the Eliciting of the Metallic Seed**

We have spoken hitherto of Nature, of Art, of bodies, sperm and seed. Let us now proceed to the practical enquiry, how metals should be mixed, and how they are mutually related. For as a woman is generated in the same womb, and out of the same seed as a man, and the only difference is in the degree of digestion, and the purity of the blood and salts, so silver is produced from the same seed, and in the same womb as gold; but the womb of the silver had

more water, and, as it were less digested blood than that of gold, according to the times of the celestial moon. But if you would understand the sexual union of the metals and their manner of emitting and receiving seed look at the celestial bodies of the planets. You will see that Saturn is higher than all the rest, to whom Jupiter succeeds, then Mars, the Sun, Venus, Mercury, while the last place is occupied by the Moon. The virtues of the planets descend, but do not ascend; and so as experience teaches us, Mars is easily converted into Venus, but not Venus into Mars, which has an inferior sphere. Also Jupiter may be quickly transmuted into Mercury, because Jupiter has a higher place; the one is second after the firmament, the other second after the earth. Saturn is the highest, the Moon lowest; the Sun combines with all, but is never ameliorated by its inferiors. There is a great correspondence between Saturn and the Moon, the Sun being medial between them; as also between Mercury and Jupiter, Mars and Venus, which all have the Sun as their centre. Most operators know how to transmute iron into copper, or Venus, without using gold, they also know how to change Jupiter into Mercury some can prepare the Moon (silver) out of Saturn; but if they could prepare gold by these changes, their secret would be worth knowing indeed. For this reason I repeat that it is important to know the mutual correspondence of metals, and their possibilities of union. There is one metal which has power to consume all others, for it is, so to speak, their water, and almost their mother, and is resisted only by the radical humour of gold and silver, and ameliorated by it. This metal is called Chalybs (steel). If gold is united to it eleven times, and emits its seed, it is weakened even unto death; but the Chalybs (steel) conceives and brings forth a son much nobler than the father; and when the seed of the son is placed in her womb it purifies it, and renders it a thousand times better fitted to produce excellent fruit. There is another Chalybs (steel) which is like this one, and created as a thing by itself by Nature this steel is able, with its wonderful virtue, to elicit from the rays of the " sun " that which so many have sought, and which is the chief principle of our Art.

## TENTH TREATISE

### On the Supernatural Generation of the Son of the Sun

We have treated of those things which are produced by Nature and have been created by God, so that those who are searchers of this science may comprehend more easily the possibility of Nature, and the utmost limit of her powers. I now go on to speak about the method of preparing the Philosophers Stone. The Stone or Tincture is nothing other than gold digested to the highest degree. Common gold resembles a plant without seed; but when such a plant is matured, it produces seed-and so, when gold is ripened, it produces its seed, or the Tincture. If any one asks why gold and other metals do not commonly produce seed I answer because the crudity of the

ore, which has not sufficient heat, prevents it from being matured. In some places pure gold is found which Nature has been striving to mature, but which has not attained to ripeness on account of the crudity of the air. An analogous case is that of the orange tree, which bears no fruit in northern latitudes, because it has not sufficient warmth, while in warmer countries it ripens the most delicious fruit, and a like result it is possible to produce in colder countries, by means of artificial heat. The same thing happens with metallic natures, and so gold may be made to produce seed, by a wise and judicious Artist who knows how to assist Nature. Should he act independently of Nature, he would err, for in this science, as in all others, we can do nothing but supplement Nature, nor can we otherwise aid her than through the agency of heat or fire. Now, in order that Nature may be enabled to work upon a congealed metallic substance, wherein the spirit does not appear, the body must be dissolved and its pores opened. Now there are two kinds of solution, the violent and the natural; and under the former head come all those methods of solution which are in vogue among the vulgar herd of modern Alchemists, and the same are cold and useless. Natural solution takes place when the pores of the body are gently opened in our water, so that the digested seed can be emitted and placed in its womb. Our water is a water which does not wet the hands; it is a heavenly water, and yet not rain water. The "Body" is gold, which gives out the seed. Our silver (not common silver) is that which conceives the seed of the gold. There it is digested by our continual fire, for seven or even ten months, until our water consumes three, and leaves one; and this is something twofold. Then it is nourished with the milk of earth, or the fatness of that which is formed in the breasts of the earth, and is regulated and conserved by the putrefaction of the surrounding substance. In this way that infant of the second generation is born. Now us advance from theory to practice.

## **ELEVENTH TREATISE.**

### **Concerning the practical preparation of our Stone or Tincture by means of our Art**

Our discourse in preceding chapters has been enlarged by appropriate examples which well facilitate the understanding of the practice, which, in accordance with natural procedure, must be performed as follows: take eleven grains of our earth, by as many doses, one grain of our gold, and two grains of our silver. Here you should carefully bear in mind that common gold and silver are of no use for our purpose, as they are dead. Those which I ask you to take are the living metals. Expose them to the heat of our fire, and there will come out of them a dry liquid. The earth will first be dissolved into a water which is called Mercury of the Sages, and this water will dissolve the bodies of the gold and silver, and consume them, till only the tenth part with one part remains, which is the radical metallic humour. Then take the water of saltpetre from our earth, in which is a living river and a flowing wave. Let this water be clear, and pour

on it the radical humour: expose the whole to the fire of putrefaction and generation, which is not the same as that of the first operation. Regulate the heat judiciously, until there appear colours like those of the Peacock's Tail, and then continue to apply this well-regulated heat until the colours resolve themselves into a pronounced green. Be not weary but continue till the rest of the colours have manifested. When you observe at the bottom ashes of a brown colour, while the water is almost red, you should open the vessel and dip a feather into it. With this feather smear a morsel of iron, and if it becomes tinged, pour into the vessel as much of a certain water (which we will describe hereafter) as there is of crude air which has entered in, and then again subject it to coction over the same fire, until it colours the feather again. Further than this my experience does not go. The water I have mentioned is the menstruum of the world from the sphere of the Moon and so carefully rectified that it has power to calcine the Sun. Herein have I desired to discourse everything to your understanding and if sometimes you will take my meaning rather than my words, you will find that I have revealed all, more especially as regards the first and second work. It remains for me to say a few words about the fire. In the first operation the fire should be of one degree and continuous and should pervade the whole substance with an even warmth. In the second operation we need a natural fire, which digests and fixes the substance. Behold, I say unto you the truth! I have unfolded the regimen of the fire if only you understand Nature. But it is needful also to speak a few words concerning the vessel, which ought to be such as is indicated by Nature; and two of these vessels suffice. In the first operation the vessel should be round; in the second it should be somewhat smaller; it should also be of glass in the form of a vial or egg. But, know, above all things, that fire employed by Nature is one and its differences are determined by differences of distance. The vessel of Nature is also one, but we use two in order to accelerate the development of our substance; its material is one, but consists of two substances. If you would produce anything, look at the things that are produced. If you cannot understand those which are continually before your eyes, it will go hardly with you when you seek to produce those which are as yet unseen. Remember that God alone can create; but He has permitted the Sage to make manifest things that are hidden and concealed according to the ministry of Nature. Consider I pray you the simple water of the clouds. Who would believe that it contains in itself all mundane objects, hard stones, salts, air, earth, and fire? What shall I say of the earth, which seems simple enough and, and contains water, fire, salts, air, and much besides? O, admirable Nature, who knowest by the means of water how to produce the wonderful fruits of earth, who dost give life to them and nourish them by means of air! Everything depends upon the faculty of seeing which we bring to the study of nature. Common eyes, for instance, discern that the sun is hot; the eyes of the Sage see that the sun itself is cold and that it is only its movements which produce heat for; its effect is felt at so great a distance in space. The heat of the sun is the same as our natural fire; for as the sun is the centre of the planets and thence scatters its heat downward in all directions, so in the centre of the earth there is a sun of the earth, which by its perpetual motion



drives heat or rays upward towards the surface of the earth. This inward heat is much more powerful than elemental fire but it is tempered and cooled by the water which pervades and refreshes the pores of the earth; otherwise all things would be consumed by its fierceness. In the same way, the fierce rays of the sun are tempered and assuaged by the air of the intermediate atmosphere, without which everything would be consumed, and no generation would be possible. But I must now proceed to explain after what manner the elements act upon each other. In the centre of the earth, then, there is a central sun, of which the heat pervades the whole earth to its surface by reason of the movement thereof, or by the motion of the firmament thereof. This heat changes the water of the earth into air (or vapour), which being much more subtle than water, is violently driven upward through the pores of the earth. But when it reaches the colder atmosphere it is once more condensed into water and in some places we do indeed see this water or condensed, air driven highly up into the air by the force of the central fire: just as a kettle of water when exposed to gentle heat sends upward a gentle stream of vapour and air, while the steam thickens and the upward movement becomes more intense when the fire is kindled into a blaze. By this action of the "central sun" the elements are distributed over the earth and each finds the place where in can grow. This upward current of air is not always noticeable because in many places there is not enough water to make it perceptible: an empty kettle gives out no steam I say, then, that fire or heat is the cause of the motion of the air, and the life of all things; and the earth is their nurse, or receptacle. If our earth and air were not cooled by water, the earth would be parched up, as it is even now in some places where the pores of the earth are closed up, and be obstructing the movement of the water would be placed at the mercy of the two kinds of solar heat. In this way the destruction of the world will one day be brought about. Now in our Art you should closely imitate these natural processes. There should be the Central Heat, the change of the water into air, the driving upward of the air, its diffusion through the pores of the earth, its reappearance as condensed but volatilized water. Then you must give our Ancient One gold and silver to swallow and consume, till he himself is burnt to death and his ashes are scattered into the water, which you must then subject to coction for a sufficient space of time. The result will be the Medicine which is a cure for leprosy. But be careful not to take heat for cold, or cold for heat. Mix only things which are like each other, and separate contrary elements by means of heat. If you do not follow the guidance of Nature all your efforts will be in vain. I swear by God that I have spoken to you as a father should to his son. He that hath ears, let him hear, and he that hath sense, let him understand.

## TWELFH TREATISE

### Concerning the Stone and its Virtue

We have spoken sufficiently in preceding chapters concerning the production of natural things, the elements, the first and second matters, bodies and seeds, as also of their use and virtue. I have written also of the Philosophical Stone, and shall now speak of its virtue, in so far as experience has discovered it to me. Before, however, I proceed to describe the virtues of the Stone, I will, for the better understanding of our Art, once more recapitulate what has already been said. If any one doubts the reality of our Art, he should read the books of those ancient Sages whose good faith no one ever yet called in question, and whose right to speak on this subject cannot be challenged. If you will not believe them, I am not so foolish as to enter into a controversy with one who denies first principles: the deaf and dumb cannot speak. Why minerals alone should be excluded from God's primal benediction, when He bade all things increase and multiply after their kind, I am unable to see; and if minerals have seed they have it for the purpose of generic propagation. The Art of Alchemy is true in its nature. Nature is true also, but a true Artist is rarely found. Nature is one, our Art is one but the workmen are many. Nature, then, generates things through the Will of God out of the first Matter (the product of the elements) which is known to God alone. Nature produces things, and multiplies them out of the second substance which is known to the Sages. All elements are mutually dependent, though they do not agree when joined, but the queen of all is water, because it is the mother of all things --and over it broods the spirit of fire. When fire acts on water, and strives with it, the first matter is evolved. Thus arise vapours of sufficient denseness to combine with earth, by means of that crude air which from the very beginning was separated from it. This process is going on ceaselessly, by means of perpetual motion. For motion causes heat, as you may know by continued friction of any substance. Motion causes heat, heat moves the water; the motion of water produces air, which is the life of all living things. Thus all things grow out of water, out of its more subtle vapours are produced light and subtle things; out of its "oil," things of greater weight; out of its salt things far more beautiful and precious than the rest. But as Nature is often hindered by the impurity of this vapour, fatness, and salt, from producing perfection, experience has taught us to separate the pure from the impure. Therefore, if you would ameliorate Nature, and produce a more perfect and elaborated subject, purge the body by dissolution of all that is heterogeneous, and unite the pure to the pure, the well-digested to the well-digested, and the crude to the crude, according to the natural and not the material weight. For you must know that the central saltpetre never contains more earth than is required whether it be otherwise pure or impure. But it is different with the fatness of the water, which is never found pure. Art purges it by the action of twofold heat, and then again combines its elements.

## EPILOGUE

### or Conclusion of these Twelve Treatises

I have composed, O friendly reader, the preceding twelve treatises for the benefit of the students of this Art; in order that they might understand the operations of Nature, and after what manner she produces all things which are in the world, before they put their hands to any experiment. Otherwise, they might be trying to open the gate without a key, or to draw water with a sieve. For in regard to our Holy and Blessed Art, he for whom the sun shines not, walks in thick darkness, and he who does not see the light of the moon, is involved in the shades of night. Nature has her own light, which is not visible to the outward eyes. The shadow of Nature upon our eyes is the body. But where the light of Nature irradiates the mind, this mist is cleared away from the eyes, all difficulties are overcome, and things are seen in their very essence, namely, the inmost heart of our Magnesia, which corresponds to the respective centres of the Sun and Earth. The bodily nature of things is a concealing outward vesture. If you dressed a boy and a girl of twelve years of age in exactly the same way, you would be puzzled to tell which was the boy and which the girl, but when the clothes are removed they may easily be distinguished. In the same way, our understanding makes a shadow to the shadow of Nature, for our human nature is concealed by the body in the same way as the body by the clothes. I might in this place discourse fully and philosophically of the dignity of man, of his creation and generation but I will pass over these themes and touch briefly on his life alone. Man is made of earth, and lives through air; for air contains the hidden food of life, of which the invisible spirit, when congealed is better than the whole hole world. Truly wonderful and admirable are the ways of Nature, who shews to us day by day the light of truth. I have set down in these twelve Treatises that which she has revealed to me in order that the God-fearing reader may more easily understand that which I have seen with my eyes, that which my hands have performed, without any fraud or sophistication. For without the light and knowledge of Nature it is impossible to attain to the perfection of this Art, unless it be revealed to a man by the Spirit, or secretly by a loving friend. The substance is vile and yet most precious. Take ten parts of our air; one part of living gold or living silver; put all this into your vessel; subject the air to coction until it becomes first water and then something which is not water. If you do not know how to do this and how to cook air, you will go wrong, for herein is the true Matter of the Philosophers. You must take that which is, but is not seen until the operator pleases. This is the water of our dew, which is extracted from the saltpetre of the Sages, by which all things grow, exist, and are nourished, whose womb is the centre of the celestial and terrestrial sun and moon. To speak more openly, it is our Magnet, which I have already called our Chalybs, or steel. Air generates this magnet, the magnet engenders or manifests our air. Thus Hermes says that its father is the Sun, its mother the Moon, and that the winds have fostered it in their womb, that is to say, the

salt Alkali (called by the Sages salt of Ammonia, or vegetable salt) is hidden in the womb of Magnesia. The operation thereof is as follows: -- You dissolve condensed air, and in it a tenth part of gold; seal it up and expose it to our fire, until the air is changed into powder and there will be seen, given the salt of the world, a great variety of colours. The rest of this process and the method of multiplication you will find fully set forth in the writings of Lullius, and other of the ancient Sages, so therefore I do not dwell on them being content to treat only of the first and second matters. This I have done frankly, and with open heart. Think not that any man in this world has spoken more fully and clearly than I have. I have not learnt what I tell you from books, but by the experiment of my own hands. If you do not understand it at first, or are unable to accept the truth, accuse not my work, but blame rather yourself, believing that God will not reveal this secret unto you. Take it, then, in all earnestness, read and again read it, especially the Epilogue of these twelve Treatises, and diligently consider the possibilities of Nature, the action of the elements, and which is chief among them, especially in the rarefaction of air or water, by which the heavens and the whole world were created. This I admonish you to do, as a father admonishes a son. Do not wonder that I have written so many Treatises. I am not in need of books for myself but was impelled to record my experience by pity towards those who are wandering astray in the darkness of their own conceits; and though I might have set forth this secret in few words, I have written at great length in order to equip you with that knowledge of Nature, without which you could not hope to succeed in this Art. Do not be put out by the seeming contradictions with which, in accordance with the custom of the Sages, I have had to conceal my real meaning a little. There is no rose found without thorns. Revolve diligently in your mind all that I have said about the way in which the elements distil the Radical Moisture to the centre of the earth, and how the terrestrial and centric sun again raises and sublimates them, by its continual motion, to the surface of the earth. Note also the correspondence which has been affirmed between the celestial and the centric Sun for the celestial Sun and Moon have a special power and a wonderful virtue in distilling upon earth by their rays. For heat is easily united to heat, and salt to salt. As the central sun has its sea and crude perceptible water, so the celestial sun has its sea of subtle and imperceptible water (the atmosphere). On the surface of the earth the two kinds of rays meet and produce flowers and all things. Then rain receives its vital force out of the air, and unites it to that of the saltpetre of the earth. For the saltpetre of the earth is like calcined tartar, and by its dryness, attracts air to itself -- which air it dissolves into water. For this saltpetre itself was once air, and has become joined to the fatness of the earth. The more abundantly the rays of the sun descend, the greater is the quantity of saltpetre generated, and so also is the harvest on earth increased. All this does experience daily teach. I have willed thus to set forth solely for the benefit of the ignorant the correspondences which exist between all things, and the efficacious virtue of the Sun, Moon, and Stars. The wise have no need of such instruction. Our substance is openly displayed before the eyes of all, and yet is not known. Oh, how marvellous is our heaven, and our water, and our

mercury, and our saltpetre which are in the world sea, and our vegetable, and our fixed and volatile sulphur, and our dead head, or dregs of our sea, and our water that does not wet the hands, and without which no mortal can live -- without which nothing is born or generated in the whole world! It is lightly esteemed by men, yet no one can do without it: for it is more precious than all the world beside, and, in short, it is nothing but our pontic-water which is congealed in the sun and moon and extracted from the sun and moon, by means of our chalybs (steel) through the skill of the Sages by a philosophical artifice and in a surprising manner . . . . I did not really intend to publish this book, for reasons that are named in the preface; but my love for earnest students of this Art got the better of my caution. So have I sought to make known my good-will to those who knows me, and manifest unto the initiated that I am their companion and equal, and that I desire their acquaintance. I doubt not that there are many persons of good conduct and clear conscience who possess this great gift of God in secret. I pray and conjure them that they should preserve even the silence of Harpocrates. Let them be made wise by my example, and take warning from my dangers. Whenever I have revealed myself to the great, it has always been to my peril and loss. But by this work I now shew myself to the Sons of Hermes, while at the same time I instruct the ignorant, and direct lost seekers into the right path. Let them know that the secret is here as plainly expounded as it ever will be. I have kept nothing back except the secret of extracting our "salt of Ammonia," or "Mercury of the Sages" out of our "sea water," and the great use to which it is put. If I have not expressed myself very plainly on these points, it is only because I may not do so. The secret can only be revealed by God, who knows men's hearts and minds, and He will vouchsafe this knowledge, in answer to earnest and importunate prayer after a repeated careful perusal of this Book. The vessel, as I have said, is one, or two at most will suffice; and if you have knowledge of Nature, a continuous fire, and the right substance, you ought to succeed. Let me caution you, in conclusion, not to be led astray by those who waste their time and money on herbs, animals, stones, and all kinds of minerals but the right ones. Farewell, good reader, and may you long enjoy the results of my labours, to the glory of God, the salvation of your soul, and the good of your neighbour.

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If you have problems understanding these alchemical texts, Adam McLean now provides a study course entitled [How to read alchemical texts : a guide for the perplexed](#).

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